

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

Central Illinois Light Company :  
d/b/a AmerenCILCO, :  
Central Illinois Public Service Company :  
d/b/a/ AmerenCIPS and :  
Illinois Power Company : Docket No. 07-0539  
d/b/a/ AmerenIP :  
Approval of Energy Efficiency :  
And Demand Response Plan :

Direct Testimony of

David L. Stowe

On Behalf of

Illinois Industrial Energy Consumers

OFFICIAL FILE

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Witness  
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December 14, 2007  
Project 8861



BRUBAKER & ASSOCIATES, INC.  
ST. LOUIS, MO 63141-2000

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**Direct Testimony of David L. Stowe**

1    **Q     PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

2    A     My name is David L. Stowe. My business address is 1215 Fern Ridge Parkway,  
3         Suite 208; St. Louis, Missouri 63141.

4    **Q     PLEASE STATE YOUR OCCUPATION.**

5    A     I am a consultant in the field of public utility regulation with Brubaker & Associates,  
6         Inc. ("BAI"), energy, economic and regulatory consultants.

7    **Q     PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND EXPERIENCE.**

8    A     This is summarized in Appendix A to my testimony.

9    **Q     ON WHOSE BEHALF ARE YOU APPEARING IN THIS PROCEEDING?**

10   A     I am appearing on behalf of the Illinois Industrial Energy Consumers ("IIEC"). The  
11         IIEC is an ad hoc group of industrial customers eligible to take power and energy or  
12         delivery service from Central Illinois Light Company ("Ameren CILCO"), Central

13 Illinois Public Service Company ("Ameren CIPS") and Illinois Power Company  
14 ("Ameren IP"), collectively "Ameren" or "Company." IIEC members are generally  
15 supportive of energy efficiency and demand response programs, but have serious  
16 concerns with Ameren's Energy Efficiency and Demand-Response Plan (the "Ameren  
17 Plan").

18 **Q WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

19 A The purpose of my testimony is to describe my methods for determining the program  
20 costs associated with the customer classes proposed by IIEC witness Stephens. I  
21 will also describe how I developed charges to recover those program costs from the  
22 three classes.

23 **Q PLEASE SUMMARIZE YOUR TESTIMONY.**

24 A My testimony can be summarized as follows:

- 25 1. Based on my review, it appears that the incentives and program administration  
26 costs (collectively "program costs") can be attributed to the Residential, Small  
27 C&I, and Large C&I customer classes, as those classes are defined by Mr.  
28 Stephens.
- 29 2. If the Commission accepts IIEC's method of recovery of program costs from the  
30 various customer classes, the program costs can be recovered via the class  
31 differentiated energy charges that I have developed.

32 **IIEC Cost Recovery Mechanism Recognizes**  
33 **Commercial and Industrial Class Differences**

34 **Q PLEASE DESCRIBE YOUR UNDERSTANDING OF AMEREN'S ENERGY**  
35 **EFFICIENCY PLAN AS IT RELATES TO CUSTOMER CLASS DIFFERENTIATION.**

36 A As IIEC witness Stephens has shown in his direct testimony, Ameren's proposed  
37 Energy Efficiency and Demand Response Plan ("Plan") is designed to provide Energy

38 Efficiency benefits to specific classes of customers, and to recover the costs of the  
39 Plan in proportion to each class's annual energy use. As proposed, Ameren's Plan  
40 recovers a disproportionately small amount of revenue from Residential customers as  
41 compared to the cost of Energy Efficiency incentives offered them, and a  
42 disproportionately large amount of revenue from Large C&I customers, with a peak  
43 demand over one megawatt (MW), as compared to the cost of incentives offered  
44 them.<sup>1</sup>

45 **Q HOW DOES THE COST RECOVERY MECHANISM OFFERED BY THE IIEC**  
46 **DIFFER FROM THE COMPANY'S PLAN DESCRIBED ABOVE AND IN IIEC**  
47 **WITNESS STEPHENS' TESTIMONY?**

48 **A** The cost recovery mechanism offered by the IIEC differs from Ameren's Plan in three  
49 important ways.

50 First, for purposes of identifying Energy Efficiency *program costs*, the IIEC's  
51 approach recognizes three classes of customers: (1) Residential, (2) Small C&I, and  
52 (3) Large C&I. The Company's Plan recognizes only two classes for program  
53 deployment -- Residential and C&I.

54 Second, for purposes of recovery of these program costs, the cost recovery  
55 mechanism offered by IIEC attempts to recover from each class the costs of the  
56 programs associated with that class. The IIEC's approach will not require Residential  
57 customers to pay any portion of the incentives offered only to commercial or industrial  
58 customers, nor will it require commercial and industrial customers to pay any portion  
59 of the incentives offered solely to Residential customers.

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<sup>1</sup>C&I customers with peak demand less than 1 MW are defined as Small C&I.

60 In contrast, the Company's Plan recovers program costs as a single price per  
61 kilowatthour (¢/kWh) based on total energy delivered. The Company's Plan does not  
62 attempt to identify the beneficiaries or cost-causers of various program costs, nor  
63 does it prevent one customer class from subsidizing another. In doing so, the  
64 Company's Plan recovers program costs as if all customers comprised a single  
65 customer class.

66 Finally, the IIEC cost recovery mechanism recovers the cost of administering  
67 the Plan, and common costs that benefit all customer classes, in proportion to each  
68 class's identifiable program costs. This differs from the Company's Plan, which  
69 allocates these common costs on the basis of energy, and as if all customers  
70 comprised a single customer class.

71 **Determination of Energy Usage Associated With the Three Classes**

72 **Q WHAT IS THE SOURCE OF THE DATA YOU USED TO IDENTIFY AND**  
73 **SEPARATE THE ENERGY VALUES OF THE THREE CUSTOMER CLASSES**  
74 **USED IN IIEC'S PROPOSED COST RECOVERY MECHANISM?**

75 **A** I relied on data provided by Ameren in an Excel Workbook titled Exhibit 3-1 (EDR  
76 Cost Limit).

77 **Q WERE YOU ABLE TO SELECT THE DATA YOU NEEDED FROM THESE**  
78 **EXHIBITS?**

79 **A** In most instances, yes. The Company provided annual actual and projected energy  
80 values, from June through May, beginning in the 2007, 2008, 2009, and 2010. In  
81 addition, the Company provided these energy projections for each of five different  
82 rate classes; DS-1, DS2, DS-3, DS-4, and DS-5.

83 From this data, I was able to identify class energy projections for the  
84 Residential, Small C&I, and Large C&I classes. I identified the Company's rate class  
85 DS-1 as Residential. I combined rate classes DS-2, DS-3, and DS-5 to comprise the  
86 Small C&I class. I identified rate class DS-4 as the Large C&I class.

87 **Q WHAT AMOUNT OF ENERGY ARE THE RESIDENTIAL, SMALL C&I, AND LARGE**  
88 **C&I CLASSES PROJECTED TO CONTRIBUTE?**

A Table 1 shows the class contributions to total energy represented for June, 2007  
through May, 2008, and for the first three years of the Company's Plan.

<b>TABLE 1</b>				
<b><u>Historical and Projected Class Energy for IIEC's Classes</u></b>				
Distribution Delivery Class	6/07-5/08	6/08-5/09	6/09-5/10	6/10-5/11
	% of Total Delivered Energy	% of Projected Delivered Energy	% of Projected Delivered Energy	% of Projected Delivered Energy
Residential	31.6%	31.8%	32.1%	32.3%
Small C&I	27.0%	27.0%	27.0%	27.0%
Large C&I	<u>41.5%</u>	<u>41.2%</u>	<u>40.9%</u>	<u>40.7%</u>
Total for all Retail Customers	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

89 **Q WHAT PORTIONS OF THE COMPANY'S PLANNED PROGRAM COSTS WILL BE**  
90 **RECOVERED FROM THE RESIDENTIAL AND C&I CLASSES IN 2008 UNDER**  
91 **THE COMPANY'S PLAN?**

92 A The Company Plan states that \$13.3 Million will be spent on energy efficiency  
93 incentives and costs in the first year. The percentage of this amount the Company  
94 will recover from Residential, Small C&I, and Large C&I classes is shown in the

second column of Table 1. Multiplying \$13.3 Million by each percentage value in that column, I determined that \$4.2 Million will be recovered from the Residential Class, \$3.6 Million will be recovered from the Small C&I class, and \$5.5 Million will be recovered from the Large C&I Class.

**IIEC's Determination of Program Costs for Customer Classes**

**Q WHAT DATA DID YOU USE TO DETERMINE THE PROGRAM COSTS FOR EACH OF THE THREE CUSTOMER CLASSES USED IN THE IIEC COST RECOVERY MECHANISM?**

A I used Table 12, titled "AIU and DCEO Portfolio Summary" on page 36 of the Company's Plan. I also relied heavily upon the data contained in Appendix B which was filed with the Company's Plan.

**Q HOW DID YOU DETERMINE THE AMOUNT OF PROGRAM COSTS THAT SHOULD BE RECOVERED FROM EACH CLASS?**

A Using the Company's Table 12 from page 36 of the Plan, along with the Appendices filed with the Plan, I was able to identify the cost of programs designed for Residential customers, C&I customers, and costs (such as administrative costs) that applied to all customers. I separated the program costs into groups by: (1) Residential, (2) C&I, and (3) Common.

Using a spreadsheet program for efficient data analysis, I assigned the costs of each C&I program to Small C&I, and Large C&I sub-groups. The three-column block of spreadsheet cells I developed contains in the first column a description of each C&I program. In the column to the right of the program description, is the percentage of program costs I determined is applicable to Small C&I customers. The

third column automatically calculates the remaining percentage of program costs, which is assigned to the Large C&I customers.

For example, if the C&I Prescriptive program applied equally to the Small C&I and Large C&I customers, the phrase "C&I Prescriptive" would be entered in a cell in the "Program Description" column. In the column to the left of the description, a percentage value would be entered - in this case, 0.5 or 50% to indicate that 50% of the C&I Prescriptive costs are applicable to the Small C&I class. The value in the "Large C&I" column automatically updates with 50% to indicate that the remainder of the C&I Prescriptive costs are applicable to the Large C&I class.

This block allows the division of the program cost into Small and Large C&I percentages in increments as small as a fraction of one percent. This tool is necessary since the Company's Plan has combined Energy Efficiency measures for Commercial customers with those pertaining to Industrial customers.

Using these methods, I was able to calculate the program costs applicable to Residential, Small C&I, and Large C&I groups for every program *except* the "portfolio costs" which are essentially administrative or common costs.

In the final step, I allocated the portfolio costs to the Residential, Small C&I, and Large C&I classes based on each group's percentage of assigned program costs, as determined in the previous steps.

**Q HOW DID YOU DETERMINE THE PERCENTAGE OF COSTS THAT WOULD BE APPLICABLE TO THE SMALL C&I AND LARGE C&I CLASSES?**

**A** The Company filed Appendix B, "Measure Information," as part of their Plan. This Appendix contains hundreds of rows of data that pertain to the individual measures examined by the Company. When a measure was found to have a "Total Resource



Cost" or TRC above a benchmark level, that measure is indicated in two different ways. First the measure's TRC is highlighted in yellow. Second, the number '1' is placed in a column labeled "Include." A column labeled "Program" indicates the program in which the measure is included.

I was unable to import this data into an electronic spreadsheet where I could have quickly found and identified the measures associated with each C&I Program. However, by examining the information provided by the Company in Appendix B, I was able to identify the energy efficiency program associated with each measure, determine if a measure exceeded the TRC threshold, and determine the type of facility or equipment to which the measure applied.

By counting the total number of measures included in each program, and which were applicable to various types of facilities and equipment, I was able to estimate the percentage of measures in each C&I program that was associated with industrial or commercial applications. I used the number of measures applicable to commercial and industrial applications as a guide in determining the program cost percentages for the Small C&I and Large C&I classes.

**Q IS A SIMPLE COUNT OF THE NUMBER OF MEASURES ABSOLUTELY DETERMINATIVE OF THE LEVEL OF PROGRAM COSTS THAT WILL ATTRIBUTABLE TO THE SMALL C&I AND LARGE C&I CLASSES?**

**A** No, but it is a reasonable guide for estimation purposes. The Ameren Plan lists the measures and the incremental costs of each measure. However, the Company does not, and cannot, tell us how many of each measure will actually be deployed. Examination of the measures and the target customers, as I have done, certainly

165 provides more insight as to the likely participation of the Small C&I class members  
166 versus the Large C&I class than does no evaluation at all.

167 It must be remembered that the goal of the estimation effort is to predict  
168 information that will become more knowable in the future, that is, how much of the  
169 total cost of a particular program will be caused by one class compared to another.  
170 The Company's Plan simply does not provide the costing and saturation data  
171 necessary to conduct a precise and accurate prediction, even if such a theoretical  
172 prediction could be made. My estimates are reasonable proxies for this.

173 With that said, and while I believe my estimates to be reasonable and  
174 supportable, I certainly am willing to consider other approaches to estimating program  
175 costs by class put forth by other parties.

176 **Q WHICH PROGRAM COSTS DID YOU APPLY TO THE RESIDENTIAL CLASS?**

177 **A** I applied the costs of the following programs to the Residential class.<sup>2</sup> By definition or  
178 description, these are clearly associated with Residential customers.

- 179 • Home Energy Performance,
- 180 • Residential HVAC Diagnostics & Tune-up,
- 181 • Residential Appliance Recycling,
- 182 • Residential Lighting & Appliances,
- 183 • Residential Multifamily,
- 184 • Residential New HVAC,
- 185 • Residential DR – Direct Load Control
- 186 • Low-Income New Construction & Gut Rehab,

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<sup>2</sup>See Table 2, Portfolio Description, page 5 of the Company's Plan for a listing of Ameren's proposed programs.

- 187 • Low-Income Energy Efficient Moderate Rehab,
- 188 • Low-Income Energy Efficient Single Family Rehab, and
- 189 • Low-Income Energy Efficiency Direct Install.

190 **Q WHICH PROGRAM COSTS DID YOU APPLY TO THE TWO C&I CLASSES?**

191 A I applied the costs of the following programs to the Small C&I, and/or Large C&I  
192 classes.

- 193 • C&I and Public Sector Prescriptive,
- 194 • C&I and Public Sector Custom,
- 195 • C&I and Public Sector Retrocommissioning,
- 196 • Commercial and Public Sector New Construction,
- 197 • Commercial Demand Credit,
- 198 • Manufacturing Energy Efficiency Program,
- 199 • Building Industry Training & Education,
- 200 • Lights for Learning, and
- 201 • Smart Energy Design Assistance Program.

202 **Q WHICH PROGRAM COSTS DID YOU CONSIDER AS ADMINISTRATIVE OR**  
203 **COMMON COSTS?**

204 A I considered the costs of the following programs to be common or administrative  
205 costs, to be allocated to all classes on the basis of their applicable program costs.

- 206 • Street Lighting,
- 207 • Educational Program,
- 208 • Evaluation, Measurement & Verification,

- 209 • Information Program, and
- 210 • Portfolio Administration.

211 **Q HOW DID YOU ALLOCATE C&I AND PUBLIC SECTOR PRESCRIPTIVE**  
212 **PROGRAM COSTS TO THE SMALL C&I AND LARGE C&I CLASSES?**

213 A After reviewing Exhibit 1.0, Appendix B, of the Company's Plan, I found that if the  
214 Company's analyses of an individual measure met a certain TRC threshold, Ameren  
215 would include that measure as part of an energy efficiency program. Ameren also  
216 identified such measures by placing a value of '1' in a column labeled "Include".

217 I counted the total number of measures that were included in the C&I  
218 Prescriptive program. I then recounted these measures, focusing on the number of  
219 measures that were specifically applicable to commercial customers, specifically  
220 applicable to industrial customers, or generally applicable to both. I counted 366  
221 measures in the C&I & Public Sector Prescriptive programs. Of these, 43 (i.e.,  
222 approximately 11%) were specifically applicable to industrial equipment or facilities,  
223 while 172 (approximately 47%) were specifically applicable to commercial equipment  
224 or facilities. The final 151 measures (42%) were equally applicable to commercial  
225 and industrial customers.

226 Based on my review, I allocated 68% (47% plus 1/2 of 42%) of the C&I and  
227 Public Sector Prescriptive program costs to the Small C&I class, and the remaining  
228 32% to the Large C&I class.

229    **Q     HOW DID YOU ALLOCATE C&I AND PUBLIC SECTOR CUSTOM PROGRAM**  
230           **COSTS TO THE SMALL C&I AND LARGE C&I CLASSES?**

231    A     In a manner similar to that just described, I counted number of measures in Appendix  
232           B that were associated with the C&I Custom program, and which had TRC values  
233           high enough to be included in the program as indicated by the value of '1' in  
234           "Included" column. 68 measures met these criteria. Assisted by the additional  
235           information about these measures that was provided by the Company, I determined  
236           that 34 of them (50%) were specifically applicable to the types of equipment used by  
237           industrial customers. The remainder of the measures applied equally to commercial  
238           and industrial customers. Based on my review, I allocated 25% of the C&I and Public  
239           Sector Custom program costs to the Small C&I class, and 75% to the Large C&I  
240           class.

241    **Q     HOW DID YOU ALLOCATE C&I AND PUBLIC SECTOR RETROCOMMISSIONING**  
242           **PROGRAM COSTS TO THE SMALL C&I AND LARGE C&I CLASSES?**

243    A     In my review of the program descriptions, I counted the number of measures that  
244           were included in the C&I and Public Sector Retrocommissioning programs, and found  
245           a total of 44. 4 of these (approximately 10%) were specifically applicable to the types  
246           of equipment or facilities used by industrial customers. The remainder were  
247           specifically applicable to commercial customers. Based on my review, I allocated  
248           90% of these costs to the Small C&I class, and 10% to the Large C&I customer  
249           classe.

250    **Q     HOW DID YOU ALLOCATE COMMERCIAL AND PUBLIC NEW CONSTRUCTION**  
251           **PROGRAM COSTS TO THE SMALL C&I AND LARGE C&I CLASSES?**

252 A In my review of the program descriptions, I counted number of measures that were  
253 included in the Commercial and Public New Construction program, and found a total  
254 of 3, none of which were applicable to industrial applications. Therefore, I allocated  
255 100% of these program costs to the Small C&I class.

256 Q HOW DID YOU ALLOCATE THE PROGRAM COSTS FOR THE COMMERCIAL  
257 DEMAND CREDIT TO THE SMALL C&I AND LARGE C&I CLASSES?

258 A I allocated 100% of these program costs to the Small C&I class. The program applies  
259 to small business customers that take their supply from Ameren. This requirement  
260 effectively eliminates the Large C&I Class from consideration.

261 Q HOW DID YOU ALLOCATE THE MANUFACTURING ENERGY EFFICIENCY  
262 PROGRAM COSTS TO THE SMALL C&I AND LARGE C&I CLASSES?

263 A I allocated 100% of these program costs to the Large C&I class since the program is  
264 directed primarily to industrial or manufacturing customers.

265 Q HOW DID YOU ALLOCATE THE PROGRAM COSTS OF THE BUILDING  
266 INDUSTRY TRAINING AND EDUCATION, AND THE "LIGHTS FOR LEARNING"  
267 PROGRAMS TO THE SMALL C&I AND LARGE C&I CLASSES?

268 A I allocated 100% of these program costs to the Small C&I class since both programs  
269 specifically applicable to small businesses.

270 Q PLEASE SUMMARIZE THESE RESULTS IN TABULAR FORM.

271 A See Table 2 below.

Table 2		
<u>Allocation of Program Costs to C&amp;I Classes</u>		
Program	Small C&I	Large C&I
C&I & Public Sector Prescriptive	70%	30%
C&I & Public Sector Custom	25%	75%
C&I & Public Sector Retrocommissioning	90%	10%
C&I & Public Sector New Construction	100%	0%
Commercial Demand Credit	100%	0%
DCEO Manufact Enrgy Effic Prog	0%	100%
DCEO Bldg Ind Training & Ed	100%	0%
DCEO Lights for Learning	100%	0%

272 **Results of Allocation of Program Costs to Classes**

273 **Q AFTER YOU IDENTIFIED THE PROGRAMS AND PROGRAM COSTS**  
274 **ASSOCIATED WITH THE CLASSES AS DESCRIBED ABOVE, WHAT PROGRAM**  
275 **COSTS WERE ALLOCATED TO RESIDENTIAL, SMALL C&I, AND LARGE C&I**  
276 **CUSTOMER CLASSES?**

277 **A** Table 3 shows how the program costs were allocated to Residential, Small C&I, and  
278 Large C&I classes for 2008.

Table 3		
<u>IIEC's Division of Program Costs Between Classes</u>		
<u>Class</u>	<u>2008</u>	<u>% of Total</u>
Residential	\$4,963,901	37.3%
Small C&I	\$5,521,150	41.5%
Large C&I	\$2,827,882	21.2%
Totals	\$13,312,932	100%

279 Q HOW DOES YOUR METHOD OF ALLOCATING PROGRAM COSTS COMPARE  
280 TO THE COMPANY'S PROPOSAL?

281 A Table 4 shows the Company's proposed Plan and IIEC's method in a side-by-side  
282 comparison.

TABLE 4				
<u>Company Plan and IIEC cost recovery mechanism Comparison</u>				
<u>Class</u>	<u>Company's Proposal</u>		<u>IIEC's Proposal</u>	
	<u>Percent of Energy Delivered</u>	<u>\$ Recovered Per Class (Millions)</u>	<u>Percent of Applicable Program Costs</u>	<u>\$ Recovered Per Class (Millions)</u>
Residential	31.8%	\$4.2	37.3%	\$5.0
Small C&I	27.0%	\$3.6	41.5%	\$5.5
Large C&I	41.2%	\$5.5	21.2%	\$2.8



283 **Q HAVE YOU CALCULATED THE RATE OR CENTS PER KWH THAT WOULD BE**  
284 **NECESSARY TO RECOVER THESE PROGRAM COSTS FROM EACH CLASS?**

285 **A** Yes, I have. Table 5 shows the rate that is necessary to recover the program costs  
286 proposed by the IIEC's mechanism. The rates shown in Table 5 were calculated  
287 using the rate calculation formula in Ameren's Rider EDR.

TABLE 5			
Estimated Unit Charges for Cost Recovery (¢/kWh)			
<u>Class</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Residential	0.04	0.10	0.16
Small C&I	0.05	0.10	0.14
Large C&I	0.02	0.03	0.05

288 **Q BASED ON YOUR REVIEW OF AMEREN'S RIDER EDA, DO YOU BELIEVE IT**  
289 **COULD BE MODIFIED SUCH THAT IT COULD BE APPLIED ON A MULTIPLE**  
290 **CLASS BASIS?**

291 **A** Yes, I do. The amount of the adjustment described in Rider EDR is found from the  
292 following equation:

$$\text{EDRC} = \frac{\text{PC} + \text{ARA} + \text{ORA}}{\text{PE}} \times \text{UF} \times \frac{100\text{¢}}{\$1}$$

293 Where PC refers to the program costs to be recovered. ARA and ORA are factors  
294 applied to correct the over- or under-collection of costs in previous years, and UF is a  
295 constant used to account for uncollectible costs. PE refers to the projected energy, in  
296 kWh, which the Company expects to deliver during the 12-month billing periods.

297 Nothing in this calculation requires that all classes of customers be treated as  
298 if they were a single class, nor is there a factor or calculation that could not as easily

299           apply to individual classes of customers as it does to all customers as a whole.  
300           Therefore, I find no reason to believe that Rider EDR could not be applied to multiple  
301           classes of customers.

302    **Q       DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

303    **A       Yes, it does.**

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**Qualifications of David L. Stowe**

304    **Q     PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

305    A     David L. Stowe. My business address is 1215 Fern Ridge Parkway, Suite 208,  
306           St. Louis, Missouri 63141.

307    **Q     PLEASE STATE YOUR OCCUPATION.**

308    A     I am a consultant in the field of public utility regulation with the firm of Brubaker &  
309           Associates, Inc. (BAI), energy, economic and regulatory consultants.

310    **Q     PLEASE    SUMMARIZE    YOUR    EDUCATIONAL    BACKGROUND    AND**  
311           **EXPERIENCE.**

312    A     I was graduated from the Kansas State University's College of Electrical and  
313           Computer Engineering in 1987, with a Bachelor of Science degree in Electrical  
314           Engineering. Following my graduation, I worked with the Kansas Corporation  
315           Commission (KCC) as a Utilities Engineer. My responsibilities included the review  
316           and engineering analysis of utility filings, investigations of compliance with the  
317           Commission's Orders and State laws, and filing and defending testimony regarding  
318           those finds. In addition, I served as Geographic Information Systems Coordinator as  
319           the KCC digitized and automated its utility facilities and territory maps from the  
320           original velum sheets.

321           In April of 1993, I accepted a position with the Missouri Public Service  
322           Commission (MPSC) where, again in the capacity of a Utilities Engineer, I focused  
323           primarily on depreciation, jurisdictional allocations, and production cost modeling. My  
324           employment with the MPSC also allowed me to complete the requirements for

325 Professional Engineer registration. I acquired my certificate for Professional  
326 Engineering registration in 1996.

327 From October 1995 until January 2002, I developed my expertise in computer  
328 engineering and communications; first acting as a Unix System Administrator and  
329 Oracle DBA with Kansas City Power and Light, and later offering both hardware and  
330 software consulting services to corporations with enterprise-wide application  
331 requirements with Digital Equipment Corporation and Compaq. During this time, I  
332 was also the president and owner of a company that installed analog and digital  
333 communication systems in cellular phone towers.

334 In January of 2002, I joined the Analytic Services Department of Aquila, Inc.  
335 as a Senior Regulatory Analyst, where I was primarily responsible for developing and  
336 maintaining cost of service models for each of Aquila's electrical territories. In  
337 addition, I was solely responsible for completing associated engineering studies to  
338 determine the primary and secondary portions of each subsidiaries' distribution  
339 systems, calculating the zero intercept values for the subsidiaries' poles, conductors,  
340 conduits, and transformers, performing customer impact analyses, and assisting in  
341 rate design.

342 In October of 2007, I joined Brubaker & Associates, Inc. as a consultant.  
343 Since that time, I have assisted on cost of service, revenue requirement, and tariff  
344 issues in Montana, Wyoming, and New York.

345 I have testified before the State Public Service Commissions of Kansas,  
346 Missouri, and Colorado.

347 In addition to our main office in St. Louis, the firm has branch offices in  
348 Phoenix, Arizona and Corpus Christi, Texas.

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

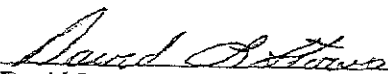
Central Illinois Light Company, d/b/a :  
AmerenCILCO; Central Illinois Public Service :  
Company, d/b/a AmerenCIPS; and Illinois :  
Power Company, d/b/a AmerenIP : No. 07-0539  
:  
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Response Plan :

**AFFIDAVIT**

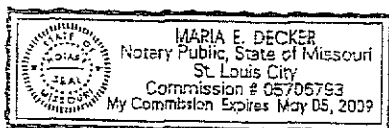
STATE OF MISSOURI :  
: SS  
COUNTY OF ST. LOUIS :

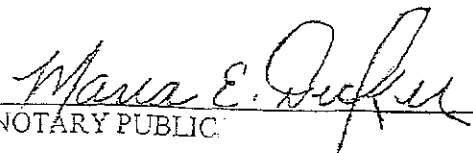
David L. Stowe, being duly sworn, deposes and states as follows:

1. Affiant is David L. Stowe. He is employed as a consultant by Brubaker & Associates, Inc., St. Louis, Missouri.
2. Affiant is a witness for the Illinois Industrial Energy Consumers ("IIEC") in the subject proceeding.
3. Affiant caused to be prepared corrected direct testimony (IIEC Ex.2.0 Corrected) for submission in this proceeding, on behalf of IIEC. The corrected direct testimony was prepared by him and is his sworn testimony in this proceeding. The corrected direct testimony is true and accurate in all respects.

  
\_\_\_\_\_  
David L. Stowe  
Brubaker & Associates, Inc.  
P. O. Box 412000  
St. Louis, MO 63141

SUBSCRIBED AND SWORN to before me, a Notary Public, on this 31st day of December, 2007.



  
\_\_\_\_\_  
NOTARY PUBLIC